

24. (Original) The method of claim 21, further comprising:
performing a fourth automated scan with a sensitivity decreased from said third scan, wherein
said sensitivity is higher than that of said second scan.

25. (Original) The method of claim 15, wherein the biopolymer is selected from the group
consisting of polypeptides and nucleic acids.

26. (Original) The method of claim 15, further comprising:
transmitting results obtained by said optical scanning from a first location to a second location.

27. (Original) The method of claim 26, where said second location is a remote location.

28. (Original) A method comprising that represented in figure 3A.

29. (Original) A method comprising that represented in figure 3B.

30. (Original) A system programmed to operate according to a method selected from a group of
methods consisting of the optical scanning method of claims 1-29.
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31. (Original) The system of claim 30 comprising at least one light excitation source and at least one
fluorescence detector.

32. (Original) A computer-readable medium embodying a program to direct a machine to perform a
method selected from a group of methods consisting of the optical scanning method of claims 1-29.
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33. (Original) A computer-readable medium containing data representing sample results, wherein
said data is made by a method selected from a group of methods consisting of the optical scanning
method of claims 1-29.
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